

CLAIMS

What is claimed is:

1 1. A flow restrictor for a medical aspiration system,
2 comprising:
3 a filter housing;
4 a flow restrictor coupled to said filter housing; and,
5 a filter located within said filter housing.

1 2. The flow restrictor of claim 1, wherein said flow
2 restrictor has a diameter between 0.1 to 1 millimeters.

1 3. The flow restrictor of claim 1, wherein said flow
2 restrictor is located within an output luer attached to
3 said filter housing.

1 4. The flow restrictor of claim 3, wherein said output
2 luer includes a scaling insert.

1 5. An aspiration tube assembly for a medical system,
2 comprising:
3 an input tube;

4 an input luer coupled to said input tube, said input
5 luer having a diameter;
6 a filter housing coupled to said input luer;
7 a filter located within said filter housing, said
8 filter having a diameter that is no greater than twice the
9 diameter of said input luer; and,
10 a flow restrictor coupled to said filter housing.

1 6. The aspiration tube assembly of claim 5, wherein
2 said input luer is pressed into said filter.

1 7. The aspiration tube assembly of claim 5, wherein
2 said filter is pressed into said filter housing.

1 8. The aspiration tube assembly of claim 5, wherein
2 said flow restrictor has a diameter between 0.1 to 1
3 millimeters.

1 9. The aspiration tube assembly of claim 5, wherein
2 said flow restrictor is located within an output luer
3 attached to said filter housing.

1 10. The aspiration tube assembly of claim 9, wherein
2 said output luer includes a scaling insert.

1 11. An aspiration tube assembly for a medical system,
2 comprising:

3 an input tube;

4 an input luer coupled to said input tube;

5 a filter housing coupled to said input luer;

6 a filter located within said filter housing and pressed
7 into said input luer; and,

8 a flow restrictor coupled to said filter housing.

1 12. The aspiration tube assembly of claim 11, wherein
2 said filter is pressed into said filter housing.

1 13. The aspiration tube assembly of claim 11, wherein
2 said flow restrictor has a diameter between 0.1 to 1
3 millimeters.

1 14. The aspiration tube assembly of claim 11, wherein
2 said flow restrictor is located within an output luer
3 attached to said filter housing.

1 15. The aspiration tube assembly of claim 14, wherein
2 said output luer includes a scaling insert.

1 16. A flow restrictor for a medical aspiration system,
2 comprising:

3 a filter housing;

4 filter means for filtering a flow of fluid through said
5 filter housing; and,

6 flow restrictor means for restricting the flow of fluid
7 through said filter housing.

1 17. The flow restrictor of claim 16, wherein said flow
2 restrictor means includes a flow restrictor with a diameter
3 between 0.1 to 1 millimeters.

1 18. The flow restrictor of claim 16, wherein said flow
2 restrictor means includes an output luer attached to said
3 filter housing.

1 19. The flow restrictor of claim 18, wherein said
2 output luer includes a scaling insert.

1 20. An aspiration tube assembly for a medical system,
2 comprising:
3 an input tube;
4 a filter housing coupled to said input tube;
5 filter means for filtering a flow of fluid through said
6 filter housing;
7 input means for coupling said input tube to said filter
8 means; and
9 flow restrictor means for restricting the flow of fluid
10 through said filter housing.

1 21. The aspiration tube assembly of claim 20, wherein
2 said input means includes an input luer that is pressed
3 into said filter means.

1 22. The aspiration tube assembly of claim 20, wherein
2 said filter means includes a filter that is pressed into
3 said filter housing.

1 23. The aspiration tube assembly of claim 20, wherein
2 said flow restrictor means includes a flow restrictor that
3 has a diameter between 0.1 to 1 millimeters.

1 24. The aspiration tube assembly of claim 20, wherein
2 said flow restrictor means includes an output luer attached
3 to said filter housing.

1 25. The aspiration tube assembly of claim 24, wherein
2 said output luer includes a scaling insert.

1 26. A method for aspirating a cornea, comprising:
2 inducing a flow of fluid out of the cornea;
3 filtering the fluid; and,
4 restricting the flow of filtered fluid.

1 27. The method of claim 26, further comprising
2 attaching a filter and a flow restrictor to an input tube
3 and an output tube.

1 28. The method of claim 27, further comprising
2 detaching the filter and the flow restrictor from the input
3 tube and the output tube.